(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



I TERTIK BUNUNGAN BUNUN KAN BENJA BENJA BUNU BUNU BUNU BUNUN BUNUN BUNUK BUNUK BUNUK BUNUK BUNUK BUNUK BUNUK B

(43) International Publication Date 10 June 2004 (10.06.2004)

PCT

(10) International Publication Number WO 2004/048240 A1

(51) International Patent Classification⁷: B65H 29/56

(21) International Application Number:

PCT/JP2003/014998

(22) International Filing Date:

25 November 2003 (25.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

 2002-341834
 26 November 2002 (26.11.2002)
 JP

 2002-342036
 26 November 2002 (26.11.2002)
 JP

 2003-002390
 8 January 2003 (08.01.2003)
 JP

 2003-003963
 10 January 2003 (10.01.2003)
 JP

(71) Applicant (for all designated States except US): RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SAKUMA, Hideomi

[JP/JP]; 5-8-414, Saiwaicho, Atsugi-shi, Kanagawa 243-0012 (JP). IMOTO, Shinji [JP/JP]; 8-11-304, Kinuta 1-chome, Setagaya-ku, Tokyo 157-0073 (JP). ITOH, Yohichi [JP/JP]; 5-8-105, Saiwaicho, Atsugi-shi, Kanagawa 243-0012 (JP). YASUDA, Hiroshi [JP/JP]; 12, Izumigoumachi 4-chome, Toki-shi, Gifu 509-5147 (JP). ISHII, Akira [JP/JP]; 96-3, Hinomiyacho 2-chome, Nakamura-ku, Nagoya-shi, Aichi 453-0823 (JP).

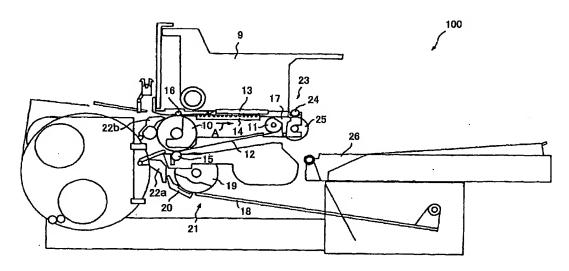
- (74) Agent: ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) Designated States (national): CN, KR, SG, US.
- (84) Designated States (regional): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INKJET RECORDING DEVICE



(57) Abstract. An inkjet recording device is disclosed that is capable of precisely defining the gap between a conveyance belt and a recording head and maintaining good flatness of the conveyance belt and a recording medium being conveyed. A guide unit is arranged to push a portion of the conveyance belt from the inner side to approach the recording unit. The guide unit has a number of projecting ribs formed on the surface of the guide unit in contact with the conveyance belt and arranged to be perpendicular to the rolling direction of the conveyance belt.